Qtv:

100 Um:

Each

: BEARING ASSEMBLY

: D3183045

: 29/09/2008

: N/A

: D3183 REV C1

Deta: User:

Monday, 22/09/2008 2:19:47 PM

Julie Lecoca

Process Sheet

Drawing Name

Part Number

Material

Due Date

Drawing Number

Project Number

Drawing Revision

Customer

: CU-DAR001 Dart Helicopters Services

Job Number **Estimate Number**

S.O. No. :

: 42179 : 11136

P.O. Number

This Issue

Previous Run

: 22/09/2008

Prsht Rev. First Issue

: NC

: 22/09/2008

: 40496

Written By Checked & Approved By

Comment

A04.02.18 New issue KJ/DS

: MACHINED PARTS Туре

: Est

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description: Delrin Round Bar 1"

MDELRINR1000 1.0

Comment: Qty.:

Delrin Round Bar 1"

Material: Ø1.00 Delrin Rod (M-DELRIN-R1.000)

Identify as D3183-9

2.0

HARDINGE



Comment: HARDINGE CNC LATHE SMALL

Deburr

QC2 3.0



PARTS AS THEY COME OFF MACHINE

Turn D3183-9 Cap as per Folio FA388

4.0 QC8 SECOND CHECK



Comment: SECOND CHECK

5.0

D31835

Bearing



Comment: Qty.:

1.0000 Each(s)/Unit

Total:

100.0000 Each(s)

Pick:

1

Qty Part Number

D3183-5

Description Bearing

Dart Aerospace Ltd

W/O:			W	ORK ORDER CHANG	ES						
DATE	STEP	PROCEDURE CHANGE				Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
				•••							
Part No	:	PAR #:	Fault Cat	egory:	_ NCI	R: Yes	No DQ	A :	Date: _		
	Re	esolution:	Dispositi	on:	QA:	N/C CI	osed:		Date: _		
NCR:			WORK ORI	DER NON-CONFORM	ANCE	(NCR)			•	
DATE	STEP	Description of NC		Corrective Action Section B			Verifi	Verification	Approval	Approval	
DAIL	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date		Verification Section C		Chief Eng	QC Inspector
,									-		
			;							ę	

NOTE: Date & initial all entries

Date: Úser: Monday, 22/09/2008 2:19:47 PM

Julie Lecocq

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BEARING ASSEMBLY

Job Number: 42179

Part Number: D3183045

Job Number:



Seq. #:

Machine Or Operation:

Description:

6.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Press D3183-5 Bearing into D3183-9 Cap as per Dwg D3183.

7.0

QC5

INSPECT WORK TO CURRENT STA



coxentes

Comment: INSPECT WORK TO CURRENT STEP

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:___

QC21

St233A



9.0



Comment: FINAL INSPECTION/W/O RELEASE



11111111 08/10/62 H

Job Completion



U 08110102

Dart Aerospace Ltd

W/O:			W	ORK ORDER CHANG	ES						
DATE STEP		PRO	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
·											
Part No	:	PAR #:	Fault Cate	egory:	_ NCF	R: Yes I	No DQ	A :	Date: _		
	R	esolution:	Disposition	n:	_ QA:	N/C Cld	sed:		Date: _		
NCR:			WORK ORDER NON-CONFORMANCE (NCR)								
DATE	STEP	Description of NC			ion B	0: 0	Verification		Approval	Approval	
	0121	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti	ection C Chief E	Chief Eng	ng QC Inspector	
					:						

NOTE: Date & initial all entries

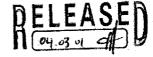
DART AEROSPACE LTD	Work Order: 427	1
		1
Description: Cap	Part Number: D318	3-9
Inspection Dwg: D3183 Rev: C1	Page 1	l of 1

FIRST ARTICLE INSPECTION CHECKLIST							
		X First Arti	cle	Prote	otype		
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of		nments
Ø0.830	+/-0.005	0.829					
Ø0.720	+/-0.002	0.719					
Ø0.747	+/-0.001	0.747					
R0.010	+/-0.010	R.010					••
R0.031	+/-0.010	R 030		,			
0.199	+/-0.001	188					
0.276	+/-0.010	-282					
0.039	+/-0.010	.046					
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Measured by:	21	Audited by:	\$\$	/	Prototyp	e Approval:	N/A
Date: 08/09/26 Date: N/A					N/A		
Rev Date	Change					Revised by	Approved
A 04.04.20	New Issue	(P/O D3183	3-045)			KJ/RF	1





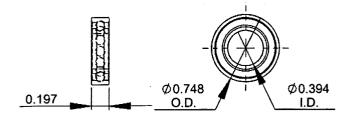
DESIGN DRAWN BY		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
CHECK	ED APPROVED	DRAWING NO.	REV. C SHEET 1 OF 4		
DATE	04.02.17	BRACKET ASSEMBLY	SCALE 1:1		
Α.	03.01.24	NEW ISSUE			



04.02.17		BRACKET ASSEMBLY	1:1
Α.	03.01.24	NEW ISSUE	
В	03.06.17	REMOVE BEARING; 1.012 WS 0.882	
Ç	,04.02.17	ADD -045/-9; 0.182 WAS 0.431	
CI	-HT 04.11.09	0-830 WAS 0-850	

D3121-21 BOLT (1) D3183-045 BEARING ASSEMBLY (1) D3121-21 BOLT (1) D3183-045 BEARING ASSEMBLY (1) D3183-1 BRACKET FOR -041 (SHOWN) OR D3183-2 BRACKET FOR -042 (OPPOSITE) OR D3183-3 BRACKET FOR -043 (SIMILAR) OR D3183-4 BRACKET FOR -044 (SIMILAR)

> D3183-041 BRACKET ASSEMBLY (SHOWN)
> D3183-042 BRACKET ASSEMBLY (OPPOSITE)
> D3183-043 BRACKET ASSEMBLY (SIMILAR) D3183-044 BRACKET ASSEMBLY (SIMILAR)



D3183-5 BEARING: SPECIFICATION CONTROL DRAWING

- 1) SINGLE ROW, DEEP GROOVE, CONRAD TYPE, SHIELDED
- 2) POSSIBLE SUPPLIER: NSK P/N 6800ZZ
- 3) ALL DIMENSIONS ARE IN INCHES

0.052 ±0.005 Ø0.600 +0.005 Ø0.394 0.000 I.D O.D.

D3183-7 WASHER

- 1) MATERIAL: AISI 303 ROUND BAR (M303R) ANNEALED
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) TOLERANCES ARE PER DART QSI 018 HOP COPY UNLESS OTHERWISE NOTED RETURN TO
- 4) ALL DIMENSIONS ARE IN INCHES

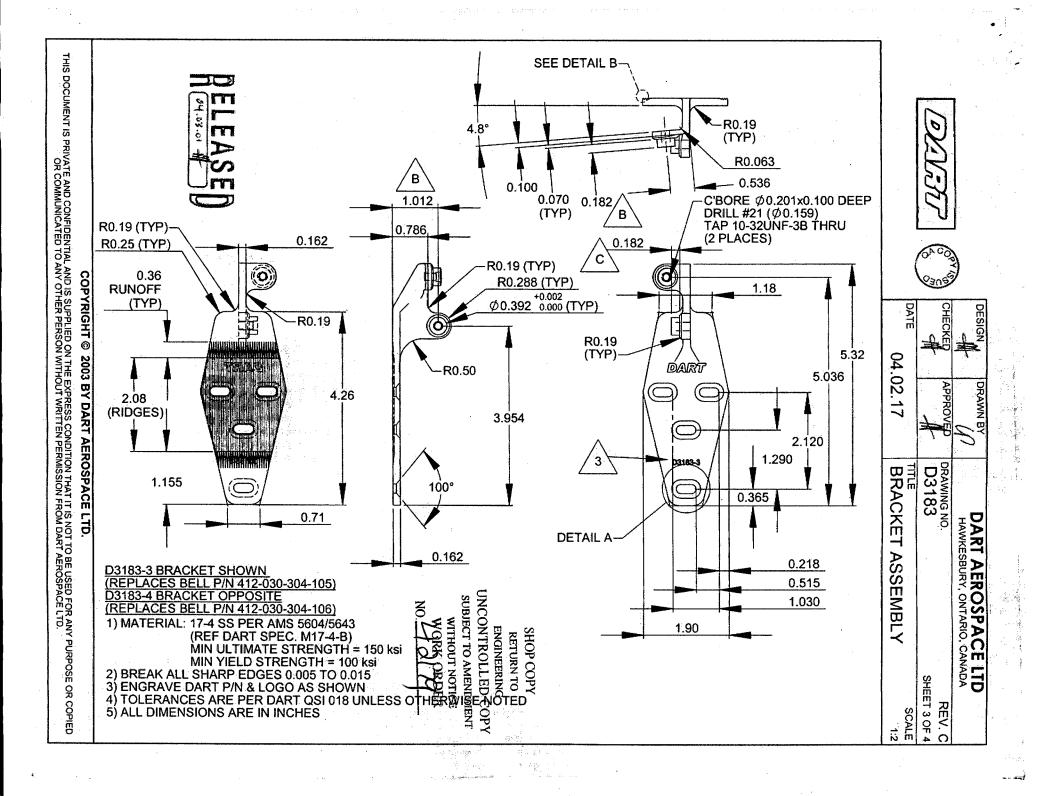
ENGINEERING

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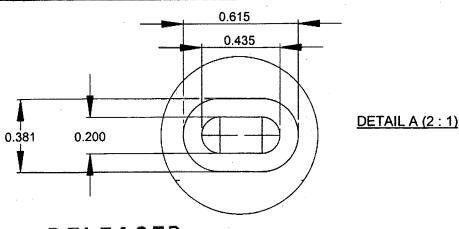
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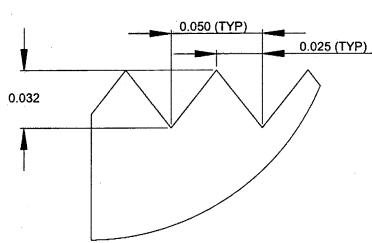


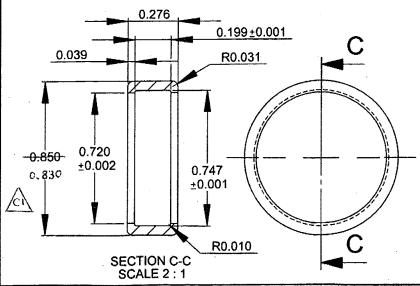
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DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
CHECKED	APPROVED	DRAWING NO.	REV. C		
9		D3183	SHEET 4 OF 4		
DATE		TITLE	SCALE		
04	.02.17	BRACKET ASSEMBLY	1:1		





DETAIL B (20:1)





D3183-9 CAP

- 1) MATERIAL: DELRIN ROD, Ø1.00 (REF DART SPEC. M-DELRIN-R1.00) 2) TOLERANCES ARE PER DART QSI 018
- UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHESP COPY
 - RETURN TO

D3183-045 BEARING ASSEMBERING

1) ASSEMBLE D3183-5 BEAMNO AND CLED COPY SUBJECT TO AMENDMENT D3183-9 CAP WITHOUT NOTIC

NO.

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